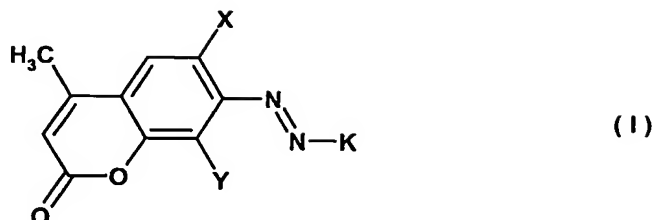


CLAIMS

1. A dyestuffs of formula (I)



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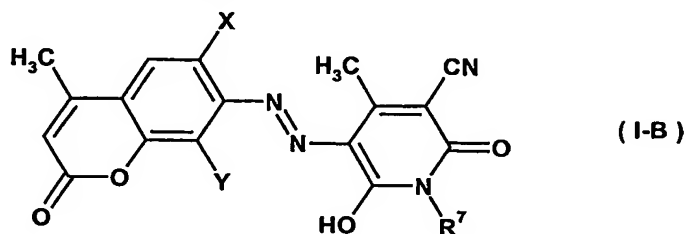
wherein

X signifies H; halogen, preferably Cl or Br; -CN; -SO₂CH₃; -OH; -OCH₃ or -NO₂,

Y signifies H; halogen, preferably Cl or Br; or -CN, and

K signifies a coupling component radical of the 6-hydroxypyridone-2, aniline, α -naphthylamine, 5-aminopyrazole, 5-hydroxypyrazole, indole, tetrahydroquinoline, 2-aminothiazole, 2-aminothiophene, phenole which is not 3,5-dimethyl substituted and the substituents in the 3 and 5 position are not members of a second ring, 2-naphthol, benzomorpholine or 2,6-diaminopyridine series.

- 15 2. Dyestuff according to Claim 1 of formula (I-B)



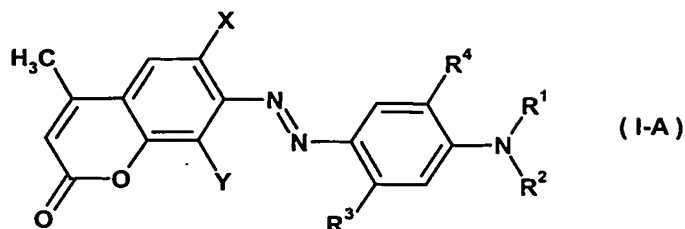
wherein

X signifies H; halogen, preferably Cl or Br; -OH; -OCH₃ or NO₂

Y signifies H,

20 R⁷ signifies H; benzyl; phenyl; C₁₋₆-alkyl; substituted C₂₋₄-alkyl, preferably substituted by one substituent of the group consisting of halogen, -CN, -OH, -OC₁₋₄-alkyl, -OCOC₁₋₂-alkyl, -OC₆H₅ or -C₆H₅; -C₁₋₂-alkylene-COOC₁₋₂-alkyl; -NHC₆H₅ or -NH₂, as well as mixtures thereof.

3. Dyestuff according to Claim 1 of formula (I-A)



wherein

5 X signifies H; halogen, preferably Cl or Br; -CN, -OH; -OCH₃ or -NO₂,

Y signifies H; halogen, preferably Cl or Br; or -CN, and

R¹ signifies C₁₋₆-alkyl; substituted C₂₋₄-alkyl, preferably substituted by one or more
substituents of the group consisting of halogen, -CN, -SCN, -OC₁₋₄-alkyl, -
OCOC₁₋₃-alkyl, -OCHO, -OC₆H₅ and -C₆H₅; C₃₋₄-alkenyl; substituted C₃₋₄-
10 alkenyl, preferably substituted by -Cl or -Br; C₃₋₄-alkinyl, preferably
propargyl; C₂₋₄-alkylene-OCO-C₁₋₃-alkyl; C₂₋₄-alkylene-O(CO)O-C₁₋₃-
alkyl; C₁₋₃alkylene-COO-R⁵; -C₁₋₃-alkylene-COO-C₂₋₃-alkylene-N-
phthalimid; C₁₋₃-alkylene-COOCH₂COOR⁵ or C₁₋₃-alkylene-
COOCH₂COR⁶,

15 wherein R⁵ signifies C₁₋₄-alkyl; C₁₋₂-alkoxyethyl; C₃₋₄-alkenyl; C₃₋₄-alkinyl;
cinnamyl; phenoxyethyl; phenyl-C₁₋₃alkyl; tetrahydro-
furfuryl-2; phenyl or phenyl, which is substituted by -CH₃,
-OCH₃, -COOCH₃ or -COOC₂H₅,

R⁶ signifies C₁₋₄-alkyl; phenyl or substituted phenyl, preferably
20 substituted by one or more substituents of the group
consisting of -CH₃, -OCH₃, -OC₂H₅, halogen and -OH,

R² signifies H; C₁₋₆-alkyl; substituted C₂₋₄-alkyl, preferably substituted by one
or more substituents of the group consisting of halogen, -CN, -
OH, -OC₁₋₄-alkyl, -OCOC₁₋₃-alkyl, -OC₆H₅ and -C₆H₅; C₃₋₄-
25 alkenyl; substituted C₃₋₄-alkenyl, preferably substituted by -Cl or
-Br; C₃₋₄-alkinyl, preferably propargyl;
C₂₋₄-alkylene-OCO-C₁₋₃-alkyl or C₁₋₃alkylene-COO-R⁵,

R³ signifies H; CH₃; -NHCO-A¹ or -NHCOO-A²,

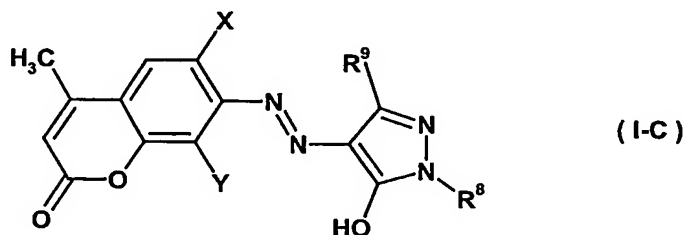
wherein

A¹ signifies H; C₁₋₄-alkyl; C₂₋₃-alkenyl; phenyl; -NH₂ or substituted C₁₋₂-alkyl, preferably substituted by one or more substituents of the group consisting of -OH, -Cl, -OCH₃, OC₂H₅ and -C₆H₅,

A² signifies C₁₋₄-alkyl or substituted C₂₋₄-alkyl, preferably substituted by one substituents of the group consisting of -Cl, -OCH₃ and -OC₂H₅, and

R⁴ signifies H; halogen or C₁₋₄alkoxy,
as well as mixtures thereof.

4. Dyestuff according to Claim 1 of formula (I-C)



wherein

X signifies H; halogen, preferably Cl or Br; -OH; -OCH₃ or NO₂;

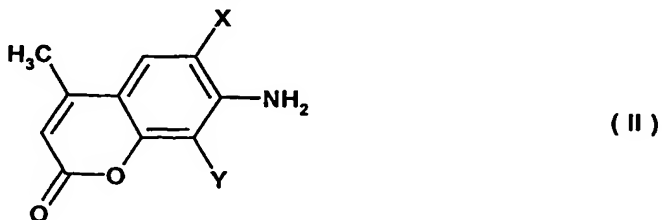
Y signifies H,

R⁸ signifies H; C₁₋₆-alkyl; cyclo-hexyl; phenyl; substituted phenyl, preferably substituted by one substituent of the group consisting of halogen, -CH₃, -CN, -OH, -OC₁₋₄-alkyl, -OCOC₁₋₂-alkyl, -COC₁₋₂-alkyl, -COOH, -SO₂C₂H₄OH or -NO₂

R⁹ signifies C₁₋₄-alkyl; phenyl or -CF₃,

as well as mixtures thereof.

5. Process for the production of a dyestuff of formula (I), according to claim 1, 2, 3, or 4 claims, characterized in that a diazotized amine of formula (II)



wherein all substituents have the meanings given in anyone of the preceding claims is coupled with an amine of formula (III)



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wherein all substituents have the meanings given in anyone of the preceeding claims.

- 10 6. Use of a disperse dyestuff of formula (I) or mixtures thereof, according to claim 1, 2, 3 or 4, for dyeing or printing fibers or threads or materials produced therefrom, which comprise, fully or semi-synthetic, hydrophobic, organic materials.
7. Use of a disperse dyestuff of formula (I) or mixtures thereof, according to to claim 1, 2, 3 or 4, for the inkjet printing process or hot melt inkjet process.
- 15 8. Composition comprising a dyestuff of formula (I) or mixtures thereof according to claim 1, 2, 3 or 4.
9. Composition according to claim 8 wherein the composition is a printing paste or a printing ink or a inkjet printing ink or a hot melt inkjet printing ink.
- 20 10. Fibers or threads or materials produced thereof, which comprise fully or semi-synthetic, hydrophobic, organic materials which has been dyed or printed with a dyestuff of formula (I) or mixtures thereof, as claimed in claim 1, 2, 3 or 4.